The Model 815000 loop powered isolator may be used in applications where isolation of a 4 to 20 mA current is required. The isolator is ideal for preventing or eliminating ground loops and/or common mode noise and is packaged in a small Noryl enclosure that is easily mounted on a flat panel with two # 6-32 screws. Optional housings include a general purpose or explosion proof enclosure.

TECHNICAL SPECIFICATIONS

INPUT RANGE:
4 to 20 mAdc

OUTPUT RANGE:
4 to 20 mAdc

ISOLATION:
1000 Vdc or Peak ac, Transformer Isolated

LINEARITY:
± 0.1 % of Span Maximum

ISOLATED LOAD RANGE:
0 to 500Ω (nominal 250 Ω see graphs below)

OPERATING TEMPERATURE RANGE:
-40 to +140°F

TEMPERATURE DRIFT:
± 0.01% of Span/ °F Maximum

TRANSMITTER HOUSING:
Noryl Plastic

FEATURES

• Eliminates Common Mode Noise and Ground Loops
• Loop Powered
• Transformer Isolated
• Explosion Proof and General Purpose Enclosures Available
• Compact Size

Analynk Wireless, LLC ™ 790 Cross Pointe Road ℹ Columbus, OH 43230
Phone: (614) 755-5091 Fax: (614) 755-5093 Web: www.analynk.com & www.telmarinc.com
NOTE:
MOUNT WITH 6-32 SCREWS; QUANTITY 2.

Dimensions in inches unless otherwise specified.

<table>
<thead>
<tr>
<th>Dimensional Tolerances</th>
<th>Fractional</th>
<th>Decimal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Dimensions</td>
<td>+/- 1/64</td>
<td>+/- .005</td>
</tr>
<tr>
<td>Over 6 to 24</td>
<td>+/- 1/32</td>
<td>+/- .005</td>
</tr>
<tr>
<td>Over 24</td>
<td>+/- 1/16</td>
<td>+/- .010</td>
</tr>
</tbody>
</table>

FULL SCALE: DO NOT SCALE DRAWING WORK TO DIMENSIONS.

DRAWN: RML
DATE: 04/26/96
CHECKED: JBR
DATE: 05/13/96
APPROVED: SC
DATE: 05/15/96

QUOTE OR ORDER NUMBER

Analynk Wireless, LLC
790 CROSS POINTE ROAD
COLUMBUS, OHIO 43230

TITLE
LOOP POWERED ISOLATOR FOR
MODEL 815000

NEXT ASS'Y

FILE NAME
EU000004.DWG

DWG NO.
SD-A-0170B

REVISIONS

A  4/25/96
INITIAL RELEASE

B  ECO # 193040497
08/29/97  REC